PHILIPS Lighting



UrbanMoon

BPS791 GRN70/830 II DK CLO-DDF6 60P C10

URBANMOON, LED GreenLine 7000 lm, 830 warm white, Safety class II, Distribution wet road (DK), Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Cable 10 m without plug, Post-top for diameter 60 mm

For urban municipalities looking for lighting solutions that combine functional road lighting and beautiful design, UrbanMoon is the perfect solution. With our LEDgine platform ensuring the desired light distribution, all functional lighting requirements can be met. Visually, UrbanMoon blends in with the city's architecture during the day – and at night the glow effect highlights its iconic design.

Product data

General Information		Product fa
Lamp family code	GRN70 [LED GreenLine 7000 lm]	Lighting Te
Light source replaceable	Yes	Flammabil
Number of gear units	1 unit	CE mark
Driver included	Yes	ENEC mark
Remarks	*-Per Lighting Europe guidance paper	Warranty p
	"Evaluating performance of LED based	EU RoHS c
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	Light Tec
	maintenance between B50 and for example	Upward lig
	B10. Therefore, the median useful life (B50)	Luminous I
	value also represents the B10 value. * At	Standard t
	extreme ambient temperatures the luminaire	Standard t
	might automatically dim down to protect	Correlated
	components	Luminous
Light source engine type	LED	Color rend

Product family code	BPS791 [URBANMOON]
Lighting Technology	LED
Flammability mark	For mounting on normally flammable surfaces
CE mark	Yes
ENEC mark	-
Warranty period	5 years
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	7,000 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	92 lm/W
Color rendering index (CRI)	≥80

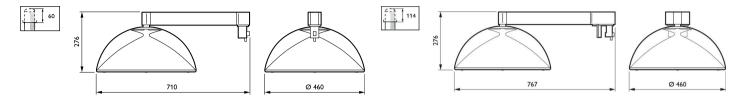
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Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wet road (DK)
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	60 W
Average CLO power consumption	66 W
End CLO power consumption	72 W
Inrush current	6 A
Inrush time	0.8 ms
Power Consumption	60 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A ty	/pe 21
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Dimmable Driver/power unit/transformer	No Power supply unit with DynaDimmer and
	Power supply unit with DynaDimmer and
Driver/power unit/transformer	Power supply unit with DynaDimmer and
Driver/power unit/transformer Control interface	Power supply unit with DynaDimmer and constant light output (integrated) -
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Driver/power unit/transformer Control interface Constant light output	Power supply unit with DynaDimmer and constant light output (integrated) -
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing	Power supply unit with DynaDimmer and constant light output (integrated) - Yes
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Reflector material	Power supply unit with DynaDimmer and constant light output (integrated) - Yes -
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Reflector material Optic material	Power supply unit with DynaDimmer and constant light output (integrated) - Yes - - Acrylate
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Reflector material Optic material Optical cover material	Power supply unit with DynaDimmer and constant light output (integrated) - Yes - - Acrylate Glass
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Reflector material Optic material Optical cover material Fixation material	Power supply unit with DynaDimmer and constant light output (integrated) - Yes - - Acrylate Glass Aluminum
Driver/power unit/transformer Control interface Constant light output Mechanical and Housing Reflector material Optic material Optical cover material Fixation material Housing Color	Power supply unit with DynaDimmer and constant light output (integrated) - Yes - - Acrylate Glass Aluminum Opal

Overall height	293 mm
Overall diameter	460 mm
Effective projected area	0.1 m²
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class II
Initial Performance (IEC Compliant	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median	10 %
useful life 100000 h	
Lumen maintenance at median useful	L100
life* 100000 h	
Application Conditions	
Performance ambient temperature Tq	25 ℃
Product Data	
Order product name	BPS791 GRN70/830 II DK CLO-DDF6 60P C10
Full product name	BPS791 GRN70/830 II DK CLO-DDF6 60P C10
Full product code	871869685638300
Order code	919008630957
Material Nr. (12NC)	919008630957
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696856383
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696856383

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Dimensional drawing





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